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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/926,564	02/19/2002	Soren Nyckelgard	215236US2PCT	8656
22850	7590	06/20/2006	EXAMINER	
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			WALSH, JOHN B	
			ART UNIT	PAPER NUMBER
			2151	

DATE MAILED: 06/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/926,564

Applicant(s)

NYCKELGARD ET AL.

Examiner

John B. Walsh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 5,905,777 to Foladare et al.

As concerns claim 1, a device in a communication network having multiple sub-networks (figure 1), where each of the sub-networks includes services that may be different from that of other sub-networks, comprising: an information processor (60) configured to receive a service request message (email message) from a first sub-network (40), said service-request message including a service to be executed (message delivered to a particular destination), said information processor configured to identify the service (column 1, line 45); and an information database (62) connected to said information processor, said information database configured to identify the different services associated with the sub-networks, the different services including protocol translations required to provide the requested service (inherent to have protocol translations in order to provide for a data message from a computer to be translated for a fax, pager or mobile pager protocol format), that are accessible as part of the network, wherein said information processor is further configured to retrieve sub networks available to provide the requested service, and initiate a message to establish a communication

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link with at least one of the identified services that are capable of providing the service (figure 1).

As concerns claim 2, the device of Claim 1, wherein: said information processor is configured to receive said service request message from at least one of a wireless communication link and a wired-link (75).

As concerns claim 3, the device according to Claim 1, further comprising: another information processor (inherent other networks, such as telephone network, will have processors) connected with said information processor, said another information processor configured to retrieve information from another database (inherent other network will have a database which may comprise memory where data is stored), to identify sub-networks that perform the requested service based on the different services identified from the another database (inherent other network will have a database which may comprise memory where data is stored).

As concerns claim 4, the device according to Claim 1, wherein: said information processor is configured to gather information regarding services via said information database and other information databases (inherent other network will have a database which may comprise memory where data is stored).

As concerns claim 5, the device according to Claim 1, wherein: said information processor is configured to receive said service request message from a telephone network that includes at least one of a mobile telephone network and a data network (64).

As concerns claim 6, the device according to Claim 1, wherein: said information database includes a data record associated with a user that includes at least one of a telephone number, an address, a customer, or a user (column 1, line 65).

As concerns claim 7, the device according to Claim 1, wherein: said information processor, is further configured to identify a service, and establish a connection with another sub-network (figure 1; 42, 64) that is different from a sub-network from which the service request message is initiated.

As concerns claim 8, the device according to Claim 7, wherein: said information processor initiates a communication session with a sub-network (column 1, lines 48-49) in which the service identified by the information processor is to be executed.

As concerns claim 9, the device according to Claim 1, wherein: said information processor, is configured to communicate at least a portion of said service request message to another information processor (column 7, lines 1-35; processor on another network), and said information processor is configured to perform a predetermined operation, if said another information processor does not respond within a predetermined period of time (column 7, lines 3-5).

As concerns claim 10, the device according to Claim 9, wherein: said predetermined operation is configured to establish a connection with a predetermined telephone number when at least two telephone numbers are associated with a called party (telephone number of pager; column 7, lines 23-26).

As concerns claim 11, a method for identifying a sub-network, within a network having multiple subnetworks (figure 1), able to provide a requested service, comprising initiating a

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service request message, the service request message including information on a service to be executed (column 1, line 45); routing said service request message to an information processor (60); identifying a service of the service request message by the information processor (message delivered to a particular destination), the services including protocol translations required to provide the requested service (inherent to have protocol translations in order to provide for a data message from a computer to be translated for a fax, pager or mobile pager protocol format); searching a database (62) for components in the network that can perform a service requested in the service request message; and accessing the sub-network identified in said searching the database, the sub-network able to perform the requested service (column 1, lines 48-49).

As concerns claim 12, a protocol converter (inherently comprises a protocol converter wherein the text data of a message is converted to binary and stored), configured to provide a communication link with the information database so as to control read/write data.

As concerns claim 13, a data of the database includes protocol attributes (inherent for a computer database to operated according to particular protocols) and a schedule (column 2, line 44) for a user of the communication network.

As concerns claim 14, the schedule includes time frames at which the user is located in the communication network (column 5, lines 15-37).

As concerns claim 15, a data of the database includes information on services (226,224,222,262,275).

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As concerns claim 16, wherein the information on services includes management data for the services (222,224,226) and information on availability of the services from different networks (262; column 5, lines 15-37).

As concerns claim 17, the communication link between the services is established through a proxy mechanism (206,208,210) configured to handle protocol translations between the multiple sub-networks.

As concerns claim 18, the information processor includes: an I/O controller (figure 2; 204, 206,208,210,212) configured to provide communications between components of the network.

As concerns claim 19, the communications between components of the network include receiving and sending the service request messages (column 1, lines 64-67).

As concerns claim 20, storing user-specific information (figure 2; 250) and service-specific (240,246,262,275) information in the database to update the database.

As concerns claim 21, protocol attributes (figure 4).

### ***Response to Arguments***

3. Applicant's arguments filed March 17, 2006 have been fully considered but they are not persuasive.

The applicant argues Foladare et al. '777 do not disclose protocol translations. Foladare et al. '777 disclose transmitting and receiving messages over various devices. It is inherent that the data of a message be translated to suite the protocol format of the particular device (pc, fax, pager, mobile pager).

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Foladare et al. '777 disclose an email server (60) and database (62) inherently have processors.

### ***Conclusion***

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

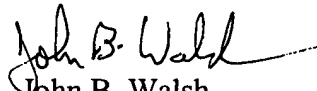
Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Walsh whose telephone number is 571-272-7063. The examiner can normally be reached on Monday-Wednesday from 5:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on 571-272-3939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
John B. Walsh  
Primary Examiner  
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